

Result	Query	Score	Match	Length	DB	ID	Description
c	1	35	100.0	638	4	XL088561	988561 <i>Xenopus lae</i>

us-09-026-400-7.rge

[illegible]

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/db_xref="taxon:32644"					
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Best Local Similarity	100.0%;	Pred. No. 0.095;			
Matches 35;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
QY	1	gactcgagtcgacatcgattttttttttttttttt 35			
Db	1	GACTCGAGTCGACATCGATT TTTT TTTT 35			
RESULT 8					
LOCUS	A46467	35 bp	DNA	PAT	07-MAR-1997
DEFINITION	Sequence 5 from Patent WO9526402.				
ACCESSION	A46467				
NID	92300644				
VERSION	A46467.1	GI:2300644			
KEYWORDS	.				
SOURCE	unidentified.				
ORGANISM	unidentified				
REFERENCE	1 (bases 1 to 35)				
AUTHORS	Knox,D.P., Smith,S.K., Smith,W.D., Redmond,D. and Murray,J.				
TITLE	VACCINES AGAINST HELMINTHIC PARASITES				
JOURNAL	Patent: WO 9526402-A 5 05-OCT-1995;				
COMMENT	MALLINKRODT VETERINARY INC (US) Other publication ZA 9502370 951215 Other publication CA 2182178 951005 Other publication AU 1956495 951017. Location/Qualifiers				
FEATURES	1..35				
source	/organism="unidentified"				
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ORIGIN					
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Best Local Similarity	100.0%;	Pred. No. 0.095;			
Matches 35;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
QY	1	gactcgagtcgacatcgattttttttttttttttt 35			
Db	1	GACTCGAGTCGACATCGATT TTTT TTTT 35			
RESULT 9					
LOCUS	A59198	40 bp	DNA	PAT	06-MAR-1998
DEFINITION	Sequence 7 from Patent WO9704108.				
ACCESSION	A59198				
NID	93714579				
VERSION	A59198.1	GI:3714579			
KEYWORDS	.				
SOURCE	unidentified.				
ORGANISM	unidentified				
REFERENCE	1 (bases 1 to 40)				
AUTHORS	Schuster,E., Sproessler,B., Titze,K., Gottschalk,M., Khanh,N.Q., Wolf,S. and Plainer,H.				
TITLE	LEUCINE AMINOPEPTIDASES PRODUCED RECOMBINANTLY FROM ASPERGILLUS SOYAE				
JOURNAL	Patent: WO 9704108-A 7 06-FEB-1997; ROEHM GMBH (DE)				
COMMENT	Other publication DE 19526485 970123.				
FEATURES	Location/Qualifiers				
source	1..40				

us-09-026-400-7.rge

Best Local Similarity 100.0%; Pred No. 0.095; Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;					
BASE COUNT	5 a	5 c	5 g	24 t	1 others
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Qy	1 gactcgagtcgacatcgattttttttttttttt 35 				
Db	1 GACTCGAGTCGACATCGATTGTGTGTGTGT 35				
RESULT 10					
A68608	A68608 35 bp DNA PAT 06-MAY-1999				
LOCUS	Sequence 8 from Patent WO9749726.				
DEFINITION	A68608				
ACCESSION	94759636				
NID	A68608.1 GI:4759636				
VERSION	unidentified.				
KEYWORDS	unidentified				
SOURCE	unclassified				
ORGANISM	1 (bases 1 to 35)				
REFERENCE	Mele.A., De.S.R., Parente,D. and Colnaghi,M.I. AUTHORS RECOMBINANT RIBOSOMAL INHIBITOR PROTEIN (RIP) AND USE AS TITLE IMMUNOCONJUGATE				
JOURNAL	Patent: WO 9749726-A 31-DEC-1997; MINISTERO UNI RICERCA SCIENT E (IT) COMMENT Other publication IT FI960155 19971229.				
FEATURES	Location/Qualifiers source 1..35 /organism="unidentified" /db_xref="taxon:32644"				
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Qy	1 gactcgagtcgacatcgattttttttttttttt 35 				
Db	1 GACTCGAGTCGACATCGATTGTGTGTGTGT 35				
RESULT 11					
AR012367	AR012367 35 bp DNA PAT 04-DEC-1998				
LOCUS	Sequence 5 from patent US 5763400.				
DEFINITION	AR012367				
ACCESSION	93970357				
NID	AR012367.1 GI:3970357				
VERSION	Unknown.				
KEYWORDS	Unknown.				
SOURCE	Unclassified.				
ORGANISM	1 (bases 1 to 35)				
REFERENCE	Adams,M.E. and Zitnan,D. AUTHORS Ecdisis-triggering hormone compositions TITLE Ecdisis-triggering hormone compositions JOURNAL Patent: US 5763400-A 5 09-JUN-1998; FEATURES Location/Qualifiers source 1...35 /organism="unknown"				
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Query Match Best Local Similarity 100.0%; Score 35; DB 5; Length 35; Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;					
Qy	1 gactcgagtcgacatcgattttttttttttttt 35 				
Db	1 GACTCGAGTCGACATCGATTGTGTGTGTGT 35				
RESULT 12					
I13679	I13679 35 bp DNA PAT 08-AUG-1995				
LOCUS	Sequence 35 from patent US 5439820.				
DEFINITION	I13679				
ACCESSION	996745				
NID	I13679.1 GI:996745				
VERSION	Unknown.				
KEYWORDS	Unknown.				
SOURCE	Unclassified.				
ORGANISM	1 (bases 1 to 35)				
REFERENCE	Sarmientos,P., De Taxis du Poet.P., Nitti,G. and Scacheri,E. AUTHORS Anti-thrombin polypeptides TITLE Patent: US 5439820-A 35 08-AUG-1995; JOURNAL Location/Qualifiers FEATURES source 1..35 /organism="unknown"				
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ORIGIN					
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Db	1 GACTCGAGTCGACATCGATTGTGTGTGTGT 35				
RESULT 13					
I24027	I24027 35 bp DNA PAT 21-NOV-1996				
LOCUS	Sequence 9 from patent US 5541110.				
DEFINITION	I24027				
ACCESSION	91603897				
NID	I24027.1 GI:1603897				
VERSION	Unknown.				
KEYWORDS	Unknown.				
SOURCE	Unclassified.				
ORGANISM	1 (bases 1 to 35)				
REFERENCE	Siegal,C.B. AUTHORS Cloning and expression of a gene encoding bryodin 1 from Bryonia TITLE dioica JOURNAL Patent: US 5541110-A 9 30-JUL-1996; FEATURES Location/Qualifiers source 1..35 /organism="unknown"				
BASE COUNT	5 a	5 c	5 g	20 t	
ORIGIN					
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I28284	I28284				

Search completed: October 1, 1999, 15:34:59
Job time: 6202 sec


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Db 1 GACTCGAGTCGACATCGATTTTTTTTTTTTTTTT 35
RESULT 9
Q84786
ID Q84786 standard; DNA; 35 BP.
AC Q84786;
DT 17-AUG-1995 (first entry)
DE PTK22 reverse-transcription primer.
KW Protein-tyrosine-kinase; PTK; discoidin domain receptor; cancer;
KW breast tumor; mamma carcinoma; diagnosis; prognosis; therapy; ss.
OS Synthetic.
PN W09502187-A.
PD 19-JAN-1995.
PF 08-JUL-1994; G01480.
PR 09-JUL-1993; GB-014271.
PA (CANC-) CANCER RES INST.
PA (WELL) WELLCOME FOUND LTD.
PI Barker KT, Crompton MR, Gusterson BA, Martindale JE;
PI Mitchell PJ, Page MJ, Spence P;
PI WPI; 95-066991/09.
DR Method for screening substances, using protein tyrosine kinase -
PT for potential utility as therapeutic agents for cancer
PS Disclosure; Page 34; 51pp; English.
CC cDNA derived from tumor metastatic tissue was amplified using
CC primers (given in Q84783-84) based on sequences (R71101, R71103)
CC associated with protein-tyrosine-kinases (PTK). Novel PTK22 was
CC identified in an isolated subclone. The 3' sequence of PTK22 was
CC obtained by reverse transcription (using the primer of Q84786) and
CC PCR amplification (primers Q84787-88) of RNA of human breast
CC carcinoma cell line MDA MG 468. The partial DNA sequence of PTK22
CC is given in Q84782. 5 A; 5 C; 5 G; 20 T;
SQ Sequence 35 BP; 5 A; 5 C; 5 G; 20 T;

Query Match 100.0%; Score 35; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 gactcgagtcgacatcgattttttttttttttttttt 35
|||||
Db 1 GACTCGAGTCGACATCGATTTTTTTTTTTTTTTT 35

RESULT 11
Q89878
ID Q89878 standard; DNA; 35 BP.
AC Q89878;
DT 31-JAN-1997 (Revised)
DT 25-OCT-1995 (first entry)
DE PCR primer for cloning bryodin-2.
KW Ribosome inactivating protein; cell death; proliferation; tumour;
KW cancer; virus; malaria; trypanosomiasis; inflammation; autoimmune;
KW disease; purging; bone marrow; ss.
OS Synthetic.
PN W09511977-A.
PD 04-MAY-1995.
PF 25-OCT-1994; U12382.
PR 25-OCT-1993; US-141891.
PR 20-OCT-1994; US-324301.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
PA Gawlak SL, Marquardt H, Siegall CB;
PI WPI; 95-178870/23.
DR New ribosome inactivating protein bryodin-2 and related
PT conjugates - for killing target cells, e.g. in treatment of
PT cancer, also related nucleic acid, vectors and transformed cells
PT disclosure; Page 43; 81pp; English.
PS The sequence is that of a PCR primer used to isolate a ribosome
CC of the protein with a ligand may be used to kill target cells (i.e. those
CC to which the ligand component binds specifically) or to inhibit
CC proliferation of tumour cells. Typical applications include the
CC treatment of cancer, viral infections, malaria, trypanosomiasis,
CC inflammatory or autoimmune diseases, including in vitro purging of e.g.
CC bone marrow.
CC See also Q89874-86.
CC Updated 31-JAN-1997 due to incorrect cross reference numbers.
SQ Sequence 35 BP; 5 A; 5 C; 5 G; 20 T;

Query Match 100.0%; Score 35; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 gactcgagtcgacatcgattttttttttttttttttt 35
|||||
Db 1 GACTCGAGTCGACATCGATTTTTTTTTTTTTTTT 35

RESULT 12
T05321
ID T05321 standard; DNA; 35 BP.
AC T05321;
DT 13-APR-1996 (first entry)
DE Oligonucleotide probe for human prostacyclin-synthase.
KW DNA probe; prostacyclin-synthase; PCR; polymerase chain reaction;
KW DNA primer; prostaglandin I2; circulatory disease; therapeutic;
KW diagnosis; gene therapy; ss.
OS Synthetic.
PN W09530013-A1.
PD 09-NOV-1995.
PF 27-APR-1995; J00838.
PR 28-APR-1994; JP-114316.
PA (TANA/) TANABE T.
PI Tanabe T;
PI WPI; 95-393084/50.
PT Human prostacyclin synthase and DNA encoding it - useful in the

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```
1. .380
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:2052692"
/clone_lib="NCI_CGAP_Lu2"
/tissue_type="invasive ad"
/dev_stage="adult"
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BASE COUNT	186 a	224 c	250 g	247

	B
	BASE COUNT ORIGIN

RESULT	8
C18175/c	
LOCUS	
DEFINITION	C18175 Human placenta cDNA (TFujiwara) Homo sapiens cDNA clone
	GEN:558E05 5', mRNA sequence.
	C18175 435 bp mRNA EST
	02-OCT-1996

[illegible]

On Mar 10, 1998 this sequence version replaced gi:2948982.

Contact: Robert Strausberg, Ph.D.
Tel.: (301) 496-1550
Email: Robert_C_Strausberg@nih.gov
Tissue Procurement: W. Marston Linehan, M.D., Rodrigo Chuauqui,
M.D., Michael Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: David B. Krizman, Ph.D.
cDNA Library Arrayed by: Genome Systems Inc., Greg Lennon, Ph.D.
Clone sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CCAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio-llnl.gov/bbrp/image/image.html

This read is a RESEQUENCE of a previously sequenced human clone
Original clone citation: National Cancer Institute, Cancer Genome
Anatomy Project (CGAP), Tumor gene Index
This read has been verified (found to hit its original self in the
correct orientation)

seq primer: -40RP from Gbco
High quality sequence stop: 417.

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location/qualifiers
1. 517
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clones="IMAGE:783502"
/clone_lib="NCI_CGAP_Pr2"
/sex="Male"
/dev_stage="45 years old"
/lab_host="DH10B"

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/note="Vector: pAMP10; Site_1: NotI; Site_2: EcoRI; 1st strand cDNA was primed with oligo(dT)17 on 50 ng of DNase-treated, total cellular RNA obtained from 5,000-10,000 microdissected preneoplastic cells histologically-determined to be prostatic intraepithelial neoplasia 2 (PIN2) cells. Double-stranded cDNA was ligated to EcoRI adaptors, 5 cycles of PCR applied to the cDNA with an adaptor-specific primer, and the resulting PCR product subcloned into pAMP10 by the UDG-cloning method (Life Technologies). Average insert size is 600 bp. NOTE: Not directionally cloned. This library was constructed by David Krizman."

129 a	131 c	93 g	164 t
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h Similarity 69.7%; Score 24.4; DB 51; Length 517;
82.4%; Pred. NO. 4.5e+02;
28; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

ccgagtcgcacatcgattttttttttttttt 35
||||| | | ||||| ||||| |||||
TCGCGGGCCGCCGTCTGATTTTttttttttt 47

AA145612 570 bp mRNA EST 12-FEB-1997
 mouse skin (#937313) Mus musculus cDNA clone
 506307 5', similar to gb:U12953 RAS-RELATED PROTEIN RAB-2
 (HUMAN); mRNA sequence.
 AA145612
 t1715011
 t1715011 GI:1715011
 SST
 house mouse.
 Mus musculus
 Chordata; Chordata; Metazoa; Chordata; Vertebrata; Mammalia;
 Eukaryota; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 (bases 1 to 570)
 Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,
 Feisel, S., Kucaba, T., Lacy, M., Martin, J., Morris, M.,
 Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,
 Haising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
 Watson, R.

TITLE The WashU-HMI Mouse EST Project
JOURNAL Unpublished (1996)
COMMENT On Sep 12, 1996 this sequence version replaced gi:1292118.

Contact: Marra M/Mouse EST Project
WashU-HMI Mouse EST Project
Washington University School of Medicinep
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:371739
Seq primer: -28ml3 rev1 ET from Amersham
High quality sequence stop: 347.
Location/Qualifiers
1. .570
source
/organism="Mus musculus"
/strain="C57BL/6"
/db_xref="taxon:10090"
/clone_image="IMAGE:606307"
/clone_lib="Stratagene mouse skin (#937313)"
/sex="females"
/tissue_type="whole skin"
/dev_stage="11 weeks old"
/lab_host="SOLR (kanamycin resistant)"
/note="Organ: skin; Vector: pBluescript SK-; Site_1:
ECORI; Site_2: XhoI; Cloned unidirectionally. Primer:
Oligo dt. Whole skin from 11 week old C57BL/6 female mice.
Average insert size: 1.0 kb; Uni-ZAP XR Vector; -5'
adaptor sequence: 5' GAATTCGACGAG 3' -3' adaptor
sequence: 5' CTCGAGTTTTTTTTTTT 3'"

BASE COUNT 143 a 115 c 157 g 155 t
ORIGIN

Query Match 69.1%; Score 24.2; DB 29; Length 570;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
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Qy 7 agtcgacatcgatttttttttttttttttt 35
|| ||||| ||||| ||||| ||||| |||||
Db 314 AGTCGACATCGAGTTTTTTTTTTTTTT 342

Search completed: October 1, 1999, 15:03:44
Job time: 4388 sec